

input screen on a display device, comprising:

an object definition file for defining a function for an object used for input and a display form of said object used on said display device;

an object window on said display device in which said object, as defined by said object file, is depicted; and

an event processor for detecting an event that has occurred in response to the manipulation of said object by a user, and for performing a process corresponding to said event.

Claim 4

The input device according to claim 3, wherein the location whereat said object is displayed is defined by a parameter included of said object definition file.

Claim 5

An interface preparation system for preparing a graphical user interface that accepts, as an entry, the manipulation by a user of objects included on an input screen on a display device, comprising:

an object definition file for defining a function of an object for input and a display form for said object depicted on said display device;

an object window in which said object is depicted on said display device as is defined by said object file; and

an event processor for detecting an event that has occurred in response to the manipulation of said object by a user, and for performing a process corresponding to said

wherein said function of said object and the description of said display form for said object are written in said object definition file for each unit page that is prepared in accordance with a specific entry, in order to design said input screen.

The interface preparation system according to claim 5, wherein said object definition file defines, for each object, said function and said display form of said object by using a specific format that includes information for specifying a page whereon said object is arranged, information indicating the type of said object, and information concerning the location of said object.

The interface preparation system according to claim 5, wherein said object is displayed for each page in said object window, and wherein said event processor performs a page switching process for deleting a page displayed in said object window and displaying the next page.

The interface preparation system according to claim 7,
further comprising:

overall control means for permitting the page switching

process performed by said event processor to interact with the switching of a page displayed by said browser.

Claim 9

A data processing system for accepting, as an entry, the manipulation by a user to an input screen on a display device and for performing a corresponding process, comprising the steps of:

using a browser to display an image on said display device, and to form an input screen by combining said image and an object used for input that is controlled by a process separate from said browser;

detecting an event that has occurred as a result of the manipulation of said object by said user; and

performing a predetermined process in accordance with said detected event, and permitting said predetermined process to interact with said browser.

Claim 10

A storage medium which stores a program, which can be read by an input means of a computer and instruct said computer to perform:

a process for reading a definition for an object, given on a desired page extracted from an object definition file, which defines a function of said object, and a display form for said object on said display device for each page that is set up in accordance with specific input;

a process for displaying said object on said display device in accordance with said definition that is read;

a process for detecting an event that has occurred as a result of the manipulation of said object by said user; and

a process that is performed in accordance with said event.

Claim 11

The storage medium according to claim 10, wherein said process for displaying said object includes a program for permitting a browser, mounted in said computer, to display a predetermined image, and for preparing said input screen by combining said object with said predetermined image.

Claim 12

A program transmission apparatus comprising:

storage means for storing a program that permits a computer to perform

a process for reading a definition for an object of a desired page from an object definition file that defines a function of said object and a form of said object displayed on said display device for each page that is set up in accordance with specific input,

a process for displaying said object on said display device in accordance with said definition that is read,

a process for detecting an event that has occurred as a result of the manipulation of said object by a user, and

a process that is being performed in accordance with said event; and

